

DAFTAR PUSTAKA

- Ahmad, A., Ahmad, R., & Nawawi, M. (2010). *Visual Representations in Mathematical Word Problem Solving Among Form Four Students in Malacca*. 8, 356–361. <https://doi.org/10.1016/j.sbspro.2010.12.050>
- Ajai, J. T., & Imoko, B. I. (2015). Gender differences in mathematics achievement and retention scores: A case of problem-based learning method. *International Journal of Research in Education and Science*, 1(1), 45–50. <https://doi.org/10.21890/ijres.76785>
- Aminah, A., & Ayu Kurniawati, K. R. (2018). Analisis Kesulitan Siswa Dalam Menyelesaikan Soal Cerita Matematika Topik Pecahan Ditinjau Dari Gender. *JTAM / Jurnal Teori Dan Aplikasi Matematika*, 2(2), 118. <https://doi.org/10.31764/jtam.v2i2.713>
- Arikunto, Suharsimi. (2012). “Dasar-dasar Evaluasi Pendidikan”. Jakarta: Bumi Kasara.
- Bossé, M., Bayaga, A., Fountain, C., & Young, E. S. (2019). Mathematical Representational Code Switching. *International Journal for Mathematics Teaching and Learning*, 20(1), 33–61.
- Duskri, M. (2017). *Kemampuan representasi matematis siswa SMP melalui pendekatan pendidikan matematika realistik Persamaan Linear Satu Variabel (PLSV), Pertidaksamaan Linear Satu*. 10(1), 51–69.
- Dwi, Y., & Kusuma, W. (2016). *the Implementation of Cooperative Learning Based on Newman ' S Error Analysis Procedures in Mathematical Statistics Ii Course*. 1(July), 117–124.
- Fuad, M. N. (2016). Representasi Matematis Siswa SMA dalam Memecahkan Masalah Persamaan Kuadrat Ditinjau dari Perbedaan Gender. *Kreano, Jurnal Matematika Kreatif-Inovatif*, 7(2), 145–152. <https://doi.org/10.15294/kreano.v7i2.5854>
- Geary, D. C., Saults, S. J., Liu, F., & Hoard, M. K. (2000). Sex Differences in Spatial Cognition, Computational Fluency, and Arithmetical Reasoning. *Journal of Experimental Child Psychology*, 77(4), 337–353. <https://doi.org/10.1006/jecp.2000.2594>
- Haralambos, M & Holborn M. (2004). *Sociology: Themes and Perspectives Sixth Edition*. London: Harper Collins Publisher.

- Herdiansyah, Haris. (2010). *Metodologi Penelitian Kualitatif*. Jakarta: Salemba Humanika
- Hoogland, K., Koning, J. De, Bakker, A., Pepin, B. E. U., & Gravemeijer, K. (2018). Studies in Educational Evaluation Changing representation in contextual mathematical problems from descriptive to depictive : The effect on students ' performance. *Studies in Educational Evaluation*, 58(April), 122–131. <https://doi.org/10.1016/j.stueduc.2018.06.004>
- Islamiyah, A. C., Prayitno, S., & Amrullah, A. (2018). Analisis Kesalahan Siswa SMP pada Penyelesaian Masalah Sistem Persamaan Linear Dua Variabel. *Jurnal Didaktik Matematika*, 5(1), 66–76. <https://doi.org/10.24815/jdm.v5i1.10035>
- Jupri, A., & Drijvers, P. (2016). Student difficulties in mathematizing word problems in Algebra. *Eurasia Journal of Mathematics, Science and Technology Education*, 12(9), 2481–2502. <https://doi.org/10.12973/eurasia.2016.1299a>
- Kowiyah, & Mulyawati, I. (2018). An analysis of primary school students' representational ability in mathematics based on gender perspective. *Journal of Physics: Conference Series*, 948(1). <https://doi.org/10.1088/1742-6596/948/1/012016>
- Lubis, Akhyar Yusuf. (2016). *Pemikiran Kritis Kontemporer dari Teori Kritis, Culture, Studies, Feminism, Postcolonial, hingga Multikulturisme*. Jakarta: Raja Grafindo Persada
- Martin, S. N., Suryadi, D., & Juandi, D. (2019). Students' difficulties in solving the mathematics word problems with the context of Education for Sustainable Development (ESD). *Journal of Physics: Conference Series*, 1157(4). <https://doi.org/10.1088/1742-6596/1157/4/042051>
- Minarni, A., Napitupulu, E. E., & Husein, R. (2016). Mathematical understanding and representation ability of public junior high school in North Sumatra. *Journal on Mathematics Education*, 7(1), 43–56. <https://doi.org/10.22342/jme.7.1.2816.43-56>
- Mulyadi, Riyadi, & Subanti, S. (2015). Analisis Kesalahan Dalam Menyelesaikan Soal Cerita Pada Materi Luas Permukaan Bangun Ruang Berdasarkan Newman'S Error Analysis (Nea) Ditinjau Dari Kemampuan Spasial. *Jurnal Elektronik Pembelajaran Matematika*, 3(4), 370–382. <http://jurnal.fkip.uns.ac.id>

- National Council of Teachers of Mathematics (2000). Principles and Standards for School Mathematics. United States of America: Reston, VA.
- Ott, N., Brünken, R., Vogel, M., & Malone, S. (2018). Multiple symbolic representations: The combination of formula and text supports problem solving in the mathematical field of propositional logic. *Learning and Instruction*, 58(April), 88–105. <https://doi.org/10.1016/j.learninstruc.2018.04.010>
- Patilima, Hamid. (2005). *Metode Penelitian Kualitatif*. Bandung : CV Alfabeta
- Prasetyo, Dwi dan Novisita Ratu. (2017). “Analisis Kesalahan Siswa dalam Menyelesaikan Soal Sistem Persamaan Linier Dua Variabel (SPLDV) Berdasarkan Teori Newman Siswa Kelas 8 SMPN 2 Tuntang”. *Jurnal Pendidikan Matematika Universitas Kristen Satya Wacana*. 1-14.
- Purwadi, I. M. A., Sudiarta, I. G. P., & Suparta, I. N. (2019). *The Effect of Concrete-Pictorial-Abstract Strategy toward Students' Mathematical Mathematical Representation on Fractions*. 12(1), 1113–1126.
- Purwanti, K. L. (2013). Perbedaan Gender Terhadap Kemampuan Otak Kanan Pada Siswa Kelas I. *Jurnal Sawwa*, 9(1), 107–122.
- Rahardjo, Marsudi dan Astuti Waluyati. 2011. *Pembelajaran Soal Cerita Operasi Hitung Campuran di Sekolah Dasar*. Yogyakarta: Pusat Pengembangan dan Pemberdayaan Pendidik dan Tenaga Kependidikan Matematika.
- Rasiman, R. (2015). Leveling of Students' Critical Ability in Solving Mathematics Problem Based on Gender Differences. *International Journal of Education and Research*, 3(4), 307–318.
- Rohmah, M., & Sutiarso, S. (2018). Analysis problem solving in mathematical using theory Newman. *Eurasia Journal of Mathematics, Science and Technology Education*, 14(2), 671–681. <https://doi.org/10.12973/ejmste/80630>
- Sari, D. P., & Rosjanuardi, R. (2018). *ERRORS OF STUDENTS LEARNING WITH REACT STRATEGY IN SOLVING THE PROBLEMS OF MATHEMATICAL*. 9(1), 121–128.
- Sari, Y. M., & Valentino, E. (2017). An Analysis of Students Error In Solving PISA 2012 And Its Scaffolding. *JRAMathEdu (Journal of Research and Advances in Mathematics Education)*, 1(2), 90–98. <https://doi.org/10.23917/jramathedu.v1i2.3380>

- Sepeng, P., & Sigola, S. (2013). Making sense of errors made by learners in mathematical word problem solving. *Mediterranean Journal of Social Sciences*, 4(13), 325–333. <https://doi.org/10.5901/mjss.2013.v4n13p325>
- Shen, C., Vasilyeva, M., & Laski, E. V. (2016). Here, but not there: Cross-national variability of gender effects in arithmetic. *Journal of Experimental Child Psychology*, 146, 50–65. <https://doi.org/10.1016/j.jecp.2016.01.016>
- Singh, P., Rahman, A. A., & Hoon, T. S. (2010). The Newman procedure for analyzing Primary Four pupils errors on written mathematical tasks: A Malaysian perspective. *Procedia - Social and Behavioral Sciences*, 8, 264–271. <https://doi.org/10.1016/j.sbspro.2010.12.036>
- Sudijono, A. (2011). *Pengantar Evaluasi Pendidikan*. Jakarta: PT Raja Grafindo Persada.
- Sugiyono. (2015). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Sutama. (2019). *Metode Penelitian Pendidikan Kuantitatif, Kualitatif, PTK, Mix Method, R&D*. Gumpang: CV. Jasmine.
- Suyitno, A., & Suyitno, H. (2015). Learning therapy for students in mathematics communication correctly based-on application of newman procedure (a case of indonesian student). *International Journal of Education and Research*, 3(1), 529–538.
- Thien, L. M. (2016). Erratum to: Malaysian Students' Performance in Mathematics Literacy in PISA from Gender and Socioeconomic Status Perspectives (Asia-Pacific Edu Res, 10.1007/s40299-016-0295-0). *Asia-Pacific Education Researcher*, 25(5–6), 907. <https://doi.org/10.1007/s40299-016-0299-9>
- Ubuz, B., & Yayan, B. (2010). Primary teachers' subject matter knowledge: Decimals. *International Journal of Mathematical Education in Science and Technology*, 41(6), 787–804. <https://doi.org/10.1080/00207391003777871>
- Unal, H., & Demir, I. (2009). Divergent thinking and mathematics achievement in Turkey: Findings from the programme for international student achievement (PISA-2003). *Procedia - Social and Behavioral Sciences*, 1(1), 1767–1770. <https://doi.org/10.1016/j.sbspro.2009.01.313>
- Utami, C. T. P., Mardiyana, & Triyanto. (2019). Profile of students' mathematical representation ability in solving geometry problems. *IOP Conference*

Series: Earth and Environmental Science, 243(1).
<https://doi.org/10.1088/1755-1315/243/1/012123>

- Wahidah, Y. N., Inganah, S & Ismail, A. D. (2017). "The Analysis of Mathematical Problems Using Newman Stages Reviewed From Emotional Intellegence." *Mathematics Education Journals*. 1(2): 56-62. Diakses pada (<http://ejournal.umm.ac.id/index.php/MEJ/article/view/4630/0>).
- Waluya, S. B., Supandi, S., Rochmad, R., Suyitno, H., & Dewi, K. (2018). Think-Talk-Write Model for Abilities. *International Journal of Instruction*, 11(3), 77–90.
- Wulansari, Ira. (2018). "Analisis Kesalahan Mahasiswa dalam Menyelesaikan Soal Trigonometri Berdasarkan Kriteria Watson." *Jurnal Widyaloka IKIP Widya Darma* 5(2): 139-146.